

THE TECH

Published every Monday, Wednesday, and Friday during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter October 6, 1904, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

Editorial Staff.

H. I. PEARL 1910 *Editor-in-Chief*
R. H. RANGER 1911 *Managing Editor*
W. D. GREEN 1909

Associate Editors

J. N. STEPHENSON 1909 G. C. KENNEY 1911
W. H. HILDEBRAND 1911 H. M. DAVIS 1911

News Staff.

D. R. STEVENS 1911 V. GUILLOU 1912
C. L. TULLER 1912 J. I. MURRAY 1912
O. B. DENISON 1911 C. E. GREEN 1910
W. J. SELIGMAN 1911 E. B. MOORE 1912

Business Staff.

G. B. FORRISTALL 1911 *Business Manager*
N. DEFOREST 1911 *Asst. Business Manager*
W. O. WHITNEY 1911 D. N. FRAZIER 1911
S. C. NEFF 1912

All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Asst. Business Manager.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by postage at the rate of one cent for each copy.

Subscription - \$1.50 per year in advance.
Single Copies 3 Cents.

Printed by Old Colony Press, Boston.

Friday, February 12, 1909.

Signals!

That Pill Grimm will have a strong backing.

The bulletin boards have at last arrived. They will be of little worth, however, if the rulings of the committee as to their use are not followed.

Tech is one of the leading institutions of the country in minor sports, as well as in regular track and field events, says the New York Sun. In cross-country running, hockey and basketball M. I. T. is as good as the best. Beating Harvard, Dartmouth and Williams is a good record for the basketball men thus far this season.

This year the officers of the cadet battalion have undertaken to continue the old practise of giving an annual military ball. It has been three years since the last one, which was a most successful affair. The preparations for next Friday's dance are developing along lines that promise to equal those of the last.

Those who have been to a military ball need no urging, and those who have never been to one will have an opportunity to find out what they are like.

Technology has this year the fastest quartet at the one mile relay that ever wore the cardinal and gray. At the B. A. A. meet they did 1560 yards in 3 minutes, 10 seconds, the fastest time made. The relay will run in the inter-collegiate mile tomorrow night in New York. This will be the first race of the Institute with Harvard at less than four miles.

A lot of loyal Tech men will be at the Back Bay station today at 2:45 P. M. to cheer the team and coach as they leave. Will you be there?

It seems that it is again necessary to call the attention of the various student organizations to the fact that as far as possible social or athletic events should not be scheduled for Friday evenings, as by so doing the regular Union entertainments are interfered with. Two institute activities have carried out arrangements for Friday evening dances this month, thereby drawing to these events a certain number of fellows who would otherwise attend the interesting talks promised by Mr. Fagan and Rabbi Fleischer.

Two years ago the Kommers in the old Union were given up because of insufficient support. In this way a most excellent custom died.

That the Friday evening entertainments may not follow the way of the old Kommers it should be the endeavor of every undergraduate to keep the ball rolling. The other activities can help out by holding their celebrities on other than Friday nights.

COMMUNICATION

Editor of Tech:

The Institute Committee's sub-committee on bulletin boards is trying to systematize and make as attractive as possible the posting of notices in the various Technology buildings, and asks the co-operation of the activities using the newly placed bill boards in keeping them as neat as possible. It is the plan of the committee to have some fastening device placed on the boards, so that posters may be properly held on without the use of tacks. It was the intention of the committee to have all posters of a size uniform with the rectangles marked off on the boards, but as many of the activities have a considerable supply of printed posters of different size on hand, it is felt that the immediate enforcement of this rule would be somewhat unjust. This rule will be strictly enforced at the beginning of the next school year, so any societies contemplating having posters printed will do well to have them made standard size. For the present each poster must be fastened to the board by a tack in each corner. The committee does not feel that it is asking too much in requiring this, and warning is hereby given that beginning February 15, 1909, any advertisement posted in violation of this rule will be removed without notice.

The Committee on Bulletin Boards.
CARLETON W. HUBBARD, '09,
Chairman.

Frob. F. Galvin
florist
124 Tremont Street
Boylston and Fairfield Streets

FOWNES
GLOVES

win Fashion's races
"hands down"

To TECH Students

MISS M. F. FISH

THE RED GLOVE SHOP

322 Boylston St., opp. Arlington

Has an unusual good quality of Gray Mocha Gloves and a Tan Capeleather Glove

AT \$1.50 A PAIR

C. F. HOVEY & CO.

Call attention to their
Complete Line of

Men's Furnishing Goods

CUSTOM MADE SHIRTS
A SPECIALTY.

33 SUMMER ST., - BOSTON.



One college man after another has learned that

FATIMA

TURKISH
CIGARETTES

are just the kind he likes, and has told his friends about them. Thus their popularity grew until today "Fatimas" are very popular among college men everywhere.

20 for 15c



4 OZ. TIN 25 CTS. 8 OZ. TIN 45 CTS. 16 OZ. TIN 90 CTS

It will Not Bite the Tongue

COBB, BATES & YERXA CO.
55 SUMMER STREET

A College Retreat

Mathematicians, Scientists, Researchers, Chemists, Architects, Free Hand Artists, Mining, Civil, Mechanical, Electrical Engineers, Bacteriologists, etc., etc.

GENTLEMEN LOOK OUT FOR YOUR HEALTH.

You need a safety valve! A brain storm or a brain explosion is liable to occur at any time. You will find the needed relaxation, and relief at the

HOTEL EPICURE

In the vineyard, the genuine Bohemian Cafe with orchestra, grand opera and popular song soloists, with a stein of good beer, or a cold bottle and a square meal, where you will forget all about science and enjoy yourself for a while on earth, as a human being.

HOTEL EPICURE, the only typical French Hotel in Boston

27-33 HAYWARD PLACE

The Little Corner

HENRI E. GEVOUD, Manager

HOW MANY RECORDS WERE MADE AT THE INDOOR MEET?

DO YOU KNOW?

DID YOU EVER KNOW?

THE TECH PRINTS COMPLETE ACCOUNTS OF ALL TECH EVENTS

\$1.50 A YEAR

The Copley Florist
N. Fishelson
14 and 18 Huntington Avenue, Boston
Pierce Building
Floral Designs for all Occasions
Tel. 21671 Back Bay
DISCOUNT TO TECH MEN

Tech Drug Store

Chemicals, Reagents and Acids
AT SPECIAL PRICES

Sachets, Perfumes, Toilet Articles

New Tech Seal Cigarettes

All Popular Brands of Cigars

T. METCALF CO.

COPLEY SQUARE
39 TREMONT STREET

*M. Howell Co.
24 Winter St.
Jewellers
and
Importers
of
Novelties*

GENTLEMEN
WHO DRESS FOR STYLE
NEATNESS, AND COMFORT
WEAR THE IMPROVED
BOSTON GARTER
THE RECOGNIZED STANDARD
The Name is stamped on every loop—
The *Velvety Grip*
CUSHION BUTTON CLASP
LIES FLAT TO THE LEG—NEVER SLIPS, TEARS NOR UNFASTENS
Sample pair, Silk 50c., Cotton 25c.
Mailed on receipt of price.
GEO. FROST CO., Makers
Boston, Mass., U.S.A.

ALWAYS EASY

THE TECH PRINTS COMPLETE ACCOUNTS OF ALL TECH EVENTS
\$1.50 A YEAR

TECH SHOW UNDER WAY

(Continued from page 1.)
from James First; "Massosoit," Indian Chieftain; "Philips," young Frenchman; "Young Billington," a second Peck's Bad Boy; and "Long Boy," a town crier.

Before asking for candidates Coach Francis made a few remarks about the show and character of the work. The book is the best that has ever been written for a Tech Show, and the success of the play depends simply upon the discipline and work done by principals and chorus. He further advised all men not making principals parts to go for the chorus, which will consist of about 36 persons, 18 men and 18 girls, and six dancers.

The play itself is a satire on the Pilgrims leaving Holland for this country. The first act opens in Holland and contains several dances and love scenes. The second has several scenes from Plymouth and Boston in 1635, and a special edition by Willy Hearn to permit them landing in this country.

The performances of the play have not yet been arranged but two performances will be given in Boston at the Hollis, and several in outside towns.

The chorus will practise for the first time Saturday at 2 P. M. in the Union and on Monday, Wednesday and Friday afternoons of each week.

The candidates for principal parts will rehearse on Tuesdays, Thursdays and Saturdays, first practice being today at 4:15 in the dining hall of the Union. This arrangement is simply a temporary one, as permanent training quarters for the show will be found later.

RELAY TEAM CRIPPLED

(Continued from page 1.)
1912; in the 440 by Cummings 1910; in the 880 by M. A. Oettinger 1912; in the mile by J. N. Stephenson 1909, and in the high jump by P. W. Dalrymple 1912, and Ray Allen 1909.

To reach Medford armory go to Sullivan's Square and change to a Medford Square car.

DR. DENISON TO SPEAK

At the Sunday evening meeting of the Y. M. C. A. the speaker will be Dr. John Hopkins Denison of the Central Congregational Church. Dr. Denison has spoken several times to Tech men and once at one of the Friday evening entertainments on the "Natures of the East Indies." A capital talk is in store for everyone who attends the meeting next Sunday in the Union at 6:45 P. M.

MUSICAL CLUB PLANS

General Manager Richardson has arranged a most attractive schedule of trips for the Music Clubs during the coming term. The first concert will be given on February 19th at Peabody, and this will be followed by concerts at Haverhill on Feb. 23, at North Abington, Feb. 26, Quincy March 5, Lexington March 16, and at Roslindale March 24. The season's concerts will close with the annual Spring Concert which comes this year on April 20th.

TOO FEW FOR MANAGER

As only six candidates reported for the position of assistant stage manager Wednesday afternoon, a second call will be made. The management of the show was much disappointed at the showing and would like to have a good many men to pick from for this important position.

STONE & WEBSTER

CHARLES A. STONE, '88
RUSSELL ROBB, '88

EDWIN S. WEBSTER, '88
HENRY G. BRADLEE, '91

147 MILK STREET, BOSTON, MASSACHUSETTS

OTIS ELEVATOR COMPANY

53 State Street, BOSTON

Electric and Hydraulic Elevators
ESCALATORS (Moving Stairways)

MAKER TO WEARER
THE
SPHINX
\$2.00 HAT
412 WASHINGTON ST. BOSTON
FALL STYLES

T. J. SOUTHWELL
Stationer and Newsdealer
Circulating Library Laundry Agency
Ladies' and Gentlemen's Furnishings
66 HUNTINGTON AVENUE, BOSTON
Near cor. of Irvington Street

M. J. HANNIGAN

formerly of Hotel Lenox has leased
The Tech Barber Shop, Hotel
Westminster. Special attention
paid to students. All Haircuts 25c.

"THE LITTLE PLACE
'ROUND THE CORNER"

COPLEY LUNCH QUICK SERVICE

THE STUDENT'S DRUG STORE UNDER COPLEY SQUARE HOTEL

We make a special effort to merit
the patronage of our student
friends
Don't forget the address, under Copley Sq. Hotel

HERRICK
TICKETS
ALL THEATRES
COPLEY SQUARE
Telephones 2329, 2330 and 2331 Back Bay

MCMORROW College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

"THE GIRLS ARE FOND OF THESE"

Tech Emblems
Greatest Variety
Lowest Prices

BENT & BUSH
15 SCHOOL ST. BOSTON, MASS.

GEO. H. ELLIS CO Printers

No. 272 CONGRESS STREET
BOSTON, MASS.

Phone, 8549

Drawing-Inks
Eternal Writing-Ink
Engrossing-Ink
Taurine Mucilage
Photo-Mounter
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Etc.

Are the Finest and Best Inks and Adhesives. Emancipate yourself from the use of corrosive and ill-smelling inks and adhesives and adopt the Higgins Inks and Adhesives. They will bear relation to you, they are so sweet, clean, and well put up.
At Dealers Generally.
CHAS. M. HIGGINS & CO., Mfgrs.
Branches: Chicago, London
271 Ninth Street, Brooklyn, N.Y.

MORSE & HENDERSON Tailors

18 BOYLSTON STREET

Rooms 14-15

Telephone Oxford 99 BOSTON

SPECIAL DISCOUNT TO TECH MEN

HIGGINS'



ARTISTS
PROOFS

PHOTOGRAPHER
marceau

VELLUM
PHOTOGRAPHS

160 TREMONT ST.
BOSTON
NEAR KEITH'S

TECHNOLOGY PHOTOGRAPHERS FOR 1909

HALL & HANCOCK

Hats and Furs

THE STANDARD OF STYLE AND EXCELLENCE
420 WASHINGTON ST.

The Best Clothing

for all occasions, ready for immediate use and to special measure, made in our workshops on the premises.

Macullar Parker Company

400 Washington St., Boston

Special attention given to orders from STUDENTS for clothing and furnishing goods.

Stuyler's

Candies
Soda

146 TREMONT ST.
414 BOYLSTON ST.
139 SUMMER ST.

SOFT HATS



IN
NEW
GREEN
TONES

\$2.00 & \$3.00

CHAMBERLAIN HATS

BEACONSFIELDS \$3.00
REVELATIONS \$2.00

637 Washington St., corner Boylston St.

The Technology Review

A QUARTERLY MAGAZINE
DEVOTED TO THE INTERESTS OF
THE MASSACHUSETTS INSTITUTE
OF TECHNOLOGY
AND
PUBLISHED BY THE ALUMNI
ASSOCIATION

83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

THE REVIEW is published during January, April, July, and October. Communications should be addressed to THE TECHNOLOGY REVIEW, 83 Newbury St., Boston.

SUBSCRIPTION, TWO DOLLARS A YEAR
SINGLE COPIES, FIFTY CENTS

NOTICES

1912—All cross-country men report at Gym tomorrow at 3 P. M.

Y. M. C. A.—At the meeting Sunday evening at the Union Dr. Denison will be the speaker.

C. E. SOCIETY—The Society will hold a dinner at the Union on Feb. 17, at the Union. After the dinner Prof. Breed will speak on "Expert Testimony." Those coming are requested to buy their tickets as soon as possible.

NOTICE—The following articles have been found and left at the Bursar's office:

- 1 slide rule.
- 1 set of drawing instruments.
- 1 fountain pen.

Subscriptions to the Tech for the remainder of the year for sale at the Tech office, 30 C. Price, \$1.00.

FACULTY NOTICES

GERMAN COLLOQUIUM—The hours for this subject are Tuesdays and Thursdays 9-10 and Saturdays 12-1. T. Bigelow.

FIRST YEAR—All the first year class will meet in the Gymnasium at 4.15 Friday, for the first exercise in Physical Training. Walter Humphreys, Registrar.

GERMAN I—Students who desire to take German I should leave their Tabular View cards with Professor Bigelow, Room 31 Lowell, by 12 M. Saturday, the 13th inst., indicating the subject desired.

GERMAN COLLOQUIUM—Thursday, 9 to 10, Saturday 12 to 1. German III—A—Tuesday 9 to 10. French Colloquium: Tuesday 9 to 10, Saturday 12 to 1. French III—A—Thursday 9 to 10.

The consultation hours of Professor Bigelow and Professor Vogel for the remainder of this week will be as follows: Professor Bigelow: Thursday from 10 to 12, Friday from 9 to 12, Saturday from 9 to 11. Professor Vogel: Thursday from 10 to 12, Friday from 9 to 12, Saturday from 9 to 11.

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

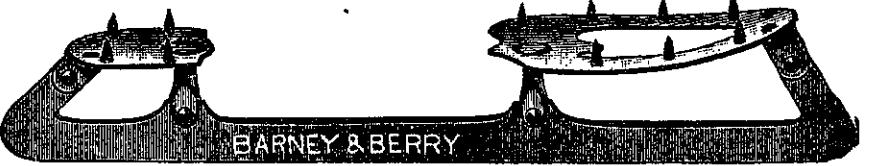
BLACK DERBY, initials B. H. M. on inside, exchanged by mistake. Please leave at cage. B. H. Morash.

LOST—A slide rule and Waterman fountain pen before vacation. Finder please return to cage for S. A. Guthrie. F. I.

STUDENTS can obtain all home comforts, best table board, library, piano, telephone; electric cars pass door; 20 minutes to school. Reasonable terms. Special terms and conveniences for a club. 420 Harvard street, Brookline, Mass. W3.

WANTED—A second hand set of drawing instruments. See Charlie at cage.

BARNEY & BERRY'S CANADIAN HOCKEY



is the equipment of most first class Hockey Players and is second to no skate on the market for Quality, Finish, and Temper. Every skate guaranteed. This ought to interest the "Tech" readers. We have a line of strictly high grade Skating Shoes to which we attach these skates, as well as others of our line. Send for our Catalog with price list of Shoes with skates attached. Your dealer will supply you.

BARNEY & BERRY

214 BROAD STREET,

SPRINGFIELD, MASS.

MEN'S HATS

FUR COATS

A. N. COOK & CO., 161 Tremont St., Boston, U.S.A.

HOTEL BRUNSWICK

BOSTON

HERBERT H. BARNES, Proprietor

EUROPEAN AND

AMERICAN

PLANS

C. A. PATTEN & CO.

Merchant Tailors

Carney Bldg., 43 Tremont St., Boston

SUITS DROPPED

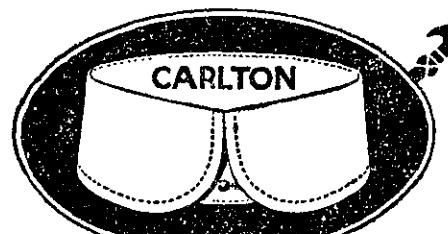
To close out our ends of \$32
—35 Suitings; we will make
your choice at \$25 to \$28.

All Goods Required by Students at

MacLachlan's

502 Boylston St.

Drawing Instruments and Materials, etc.
Fountain Pens, Text-books



ARROW COLLARS

CLUECO SHRUNK QUARTER SIZE
The Most Popular
Collars Made
15 Cents—2 for 25 Cents

Cluett, Peabody & Co., Troy, N.Y.

College Clothes

Many new and exclusive styles for young men, hand tailored by the best craftsmen.

A. SHUMAN & CO.
BOSTON

ROWAN & CURRY

"The Tech Barbers"
FORMERLY IN THE WESTMINSTER HOTEL

Now opened in the new Chauncey Hall Building on Boylston St. opp. Copley Sq.

PHONE, 21761 BACK BAY

HEWETT'S LUNCH FOR
LADIES AND GENTLEMEN

OPENED FROM 6 A.M. TO 12 P.M.

ALL HOME MADE PASTRY

196 Dartmouth St., Boston, Mass.

REBUILT TYPEWRITERS

In Serviceability

In Appearance

In all Requisites

LIKE NEW

Latest Models, slightly used

of all the standard makes

at fraction of original price

We rent splendid Typewriters

at very low rates, as low as \$1.00 and

six months rental applied to purchase.

ADDRESS

GENERAL TYPEWRITER EXCHANGE

21 Murray Street, - NEW YORK